

EXHIBIT C

FCC JUN 16 1993
UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION
GETTYSBURG, PA 17326

**APPLICATION FOR STATION AUTHORIZATION IN THE
PRIVATE OPERATIONAL FIXED MICROWAVE RADIO SERVICE**

MLP
COPY
OMB
3060-1064
Expires 10/31/92
See instructions for information
regarding public burden estimate.

FOR COMMISSION USE ONLY

FILE NUMBER: **C794824** SEND TO ASB: ☐ YES ☐ NO

FOR APPLICANT: Use FCC Form 402 Instructions dated December, 1989, or later for reference in completing form.

SECTION I-IDENTIFICATION INFORMATION

1. NAME OF APPLICANT: LIBERTY CABLE CO., INC.	3. CALL SIGN: (If application refers to an existing Part 94 station) WNTM-210
2. MAILING ADDRESS: (No., street, city, state, ZIP code) 215 E. 95th Street New York, NY 10128 Attn: Behrooz Nourain	4. LICENSEE IDENTIFICATION NUMBER: (If previously assigned by the Commission) 005230-200 5A. NAME OF PERSON TO CONTACT REGARDING APPLICATION: Jennifer L. Richter, Esq. 5B. TELEPHONE NUMBER OF THE CONTACT: (202) 296-0600
<input type="checkbox"/> Check here if you are a current Part 94 licensee and your mailing address, item 2, IS NOT the address on file.	
6. TYPE OF APPLICANT: <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> ASSOCIATION <input type="checkbox"/> PARTNERSHIP <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> GOVERNMENTAL ENTITY	7. CLASS OF STATION: (enter code) FXO 8. ELIGIBILITY RULE SECTION: 90.75(a)(1)
9A. PURPOSE OF APPLICATION: <input type="checkbox"/> NEW STATION <input checked="" type="checkbox"/> MODIFICATION (SEE 9B & 9C) <input type="checkbox"/> MODIFICATION WITH RENEWAL (SEE 9B & 9C) <input type="checkbox"/> ASSIGNMENT OF AUTHORIZATION <input type="checkbox"/> OTHER (SPECIFY) ▶	

9B.	PATH	ACTION			OLD VALUE OF KEY ITEMS CHANGED						
	A	<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> CHANGE	<input type="checkbox"/> DELETE	20		30		31		32
	B	<input type="checkbox"/> ADD	<input type="checkbox"/> CHANGE	<input type="checkbox"/> DELETE	20		30		31		32
	C	<input type="checkbox"/> ADD	<input type="checkbox"/> CHANGE	<input type="checkbox"/> DELETE	20		30		31		32
	D	<input type="checkbox"/> ADD	<input type="checkbox"/> CHANGE	<input type="checkbox"/> DELETE	20		30		31		32
	E	<input type="checkbox"/> ADD	<input type="checkbox"/> CHANGE	<input type="checkbox"/> DELETE	20		30		31		32

9C. DESCRIBE ANY OTHER CHANGES:

10. WILL THIS SYSTEM BE USED TO PROVIDE A COMMUNICATIONS PRIVATE CARRIER SERVICE TO OTHERS? ☐ YES ☒ NO

SECTION II-ANTENNA INFORMATION

11. LOCATION OF TRANSMITTING ANTENNA STRUCTURE:

A. NUMBER AND STREET: (or other specific indication) 20 West 64th Street (1 Lincoln Plaza)	B. CITY: New York
C. COUNTY: New York	D. STATE: NY
E. COORDINATES: (Degrees, Minutes, Seconds) LATITUDE: 40-46-18 N LONGITUDE: 73-58-55 W	

12A. IS THE ANTENNA TO BE MOUNTED ON AN EXISTING ANTENNA STRUCTURE? IF YES, ANSWER ITEMS 12B, C, D, & E... ☐ YES ☒ NO

12B. WILL THE ANTENNA INCREASE THE HEIGHT OF THE EXISTING STRUCTURE? IF YES, BY HOW MANY FEET? ☐ YES ☐ NO FT

12C. NAME OF CURRENT LICENSEE USING STRUCTURE: 12D. CURRENT LICENSEE'S RADIO SERVICE: 12E. CURRENT LICENSEE'S CALL SIGN:	FOR COMMISSION USE ONLY ASB:
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13. FOR ANTENNA TOWERS (OR POLES) MOUNTED ON THE GROUND: ENTER THE OVERALL HEIGHT ABOVE GROUND OF THE ENTIRE ANTENNA (OR POLE) INCLUDING ALL ANTENNAS, DISHES, LIGHTNING RODS, OBSTRUCTION LIGHTING, ETC. MOUNTED ON IT FT

14. FOR ANTENNAS OR ANTENNA TOWERS (OR POLES) MOUNTED ON A SUPPORTING STRUCTURE SUCH AS A BUILDING, WATER TOWER, SMOKE STACK, ETC:

14A. WHAT IS THE OVERALL HEIGHT ABOVE GROUND OF THIS SUPPORTING STRUCTURE? INCLUDE IN THIS HEIGHT ANY ELEVATOR SHAFTS, PENTHOUSES, LIGHTNING RODS, LIGHTS, ETC., WHICH ARE NOT PART OF THE ANTENNA TOWER (OR POLE) 480 FT

14B. HOW MANY FEET DOES THE ANTENNA TOWER (OR POLE) (INCLUDING ALL ANTENNAS, DISHES, LIGHTNING RODS, LIGHTS, ETC.) INCREASE THE HEIGHT OF THE SUPPORTING STRUCTURE IN ITEM 14A? IF THIS ANTENNA OR ANTENNA TOWER (OR POLE) DOES NOT INCREASE THE HEIGHT OF THE SUPPORTING STRUCTURE, ENTER ZERO (0) 0 FT

14C. WHAT IS THE OVERALL HEIGHT OF THIS SUPPORTING STRUCTURE PLUS THE ANTENNA TOWER (OR POLE)? 480 FT

15. GIVE THE GROUND ELEVATION ABOVE MEAN SEA LEVEL AT THE ANTENNA SITE 80 FT

16A. NAME OF NEAREST AIRCRAFT LANDING AREA:
La Guardia

16B. DIRECTION AND DISTANCE TO NEAREST RUNWAY:
ENE 5.0 miles

17A. Has notice of construction been filed with the FAA on FAA Form 7460-1? If yes, answer items 17B, C, and D. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
17B. NAME UNDER WHICH YOU FILED:	17C. FAA REGIONAL OFFICE: (City)
17D. DATE FILED:	
18. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? See instruction 18. If you answer yes, submit the statement as required by Sections 1.1308 and 1.1311. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	19. If this is an existing station, enter the year it was first licensed: <div style="text-align: center;">1992</div>

SECTION III—TECHNICAL INFORMATION SEE ATTACHED					
NAME OF ITEM	A	B	C	D	E
20. Frequency (MHz) <u>18145.0-18577.0</u>					
21. Bandwidth (kHz) and Emission Type					
22. Type of Message Service					
23. Initial Baseband Channel Loading					
24. 10 yr. Projected Baseband Channel Loading					

TRANSMITTER INFORMATION					
NAME OF ITEM	A	B	C	D	E
25. Transmitter Operating Frequency Tolerance (%)					
26. Antenna Gain (dBi)					
27. Effective Isotropic Radiated Power (dBm)					
28. Beamwidth (Degrees)					
29. Height to Center of Final Radiating Element (Ft)					
30. Polarization					
31. Azimuth to Receive Site or Passive Repeater (PR) No. 1 (Degrees)					

RECEIVE SITE INFORMATION					
NAME OF ITEM	A	B	C	D	E
32. Receiving Station's Call Sign					
33. Receiving Antenna Gain (dBi)					
34. Median Received Signal Level at Input to the Receiver (dBm)					
35. Latitude N (Degrees, Minutes, Seconds)					
36. Longitude W (Degrees, Minutes, Seconds)					
37. Ground Elevation AMSL (Ft)					
38. Height to Center of Receiving Antenna (Ft)					

PASSIVE REPEATER NO. 1 INFORMATION (IF ANY)					
<input type="checkbox"/> If you have two or more passive repeaters on the same transmission path, check this box and answer items 39-46 on an additional FCC Form 402 or a separate sheet of paper for the second and successive passive repeaters.					
NAME OF ITEM	A	B	C	D	E
39. Latitude N (Degrees, Minutes, Seconds)					
40. Longitude W (Degrees, Minutes, Seconds)					
41. Ground Elevation AMSL (Ft)					
42. Overall Height of PR Structure Above Ground (Ft)					
43. Dimensions (Ft X Ft) or Beamwidth (for dishes) (Degrees)					
44. Height Above Ground to Center of PR (Ft)					
45. Polarization					
46. Azimuth to Receive Site or Next PR (Degrees)					

SECTION IV—CERTIFICATION	
1. Applicant certifies that a copy of CFR 47, Part 94 has been retained for reference. 2. Applicant waives any claim to the use of any particular frequency regardless of prior use by licensee or otherwise. 3. Applicant will have unlimited access to the radio equipment and will control access and exclude unauthorized persons. 4. Neither applicant nor any member thereof is a foreign government or representative thereof. 5. Applicant will utilize type accepted radio equipment and antenna of correct specifications. 6. Applicant certifies that all statements made in this application and attachments are true and complete.	

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ATTACHMENTS ARE PUNISHABLE BY FINE AND IMPRISONMENT U.S. CODE TITLE 18 SECTION 1001

TYPED NAME: <div style="text-align: center;">BEHROOZ NOURAIN</div>	TITLE: <div style="text-align: center;">Director of Engineering</div>
SIGNATURE of individual, partner, official of a governmental entity, officer or authorized employee of a corporation, or officer who is also a member of the association. <i>Behrooz Nourain</i>	DATE: <div style="text-align: center;">6/11/93</div>

NOTICE TO INDIVIDUALS REQUIRED BY PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980
 Sections 301, 303, and 308 of the Communications Act of 1934, as amended, (licensing powers) authorize the FCC to request the information on this application. The purpose of the information is to determine your eligibility for a license. The information will be used by FCC staff to evaluate the application, to determine station location, to provide information for enforcement and rule-making proceedings and to maintain a current inventory of licensees. No license can be granted unless all information requested is provided. Your response is required to obtain this authorization.

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

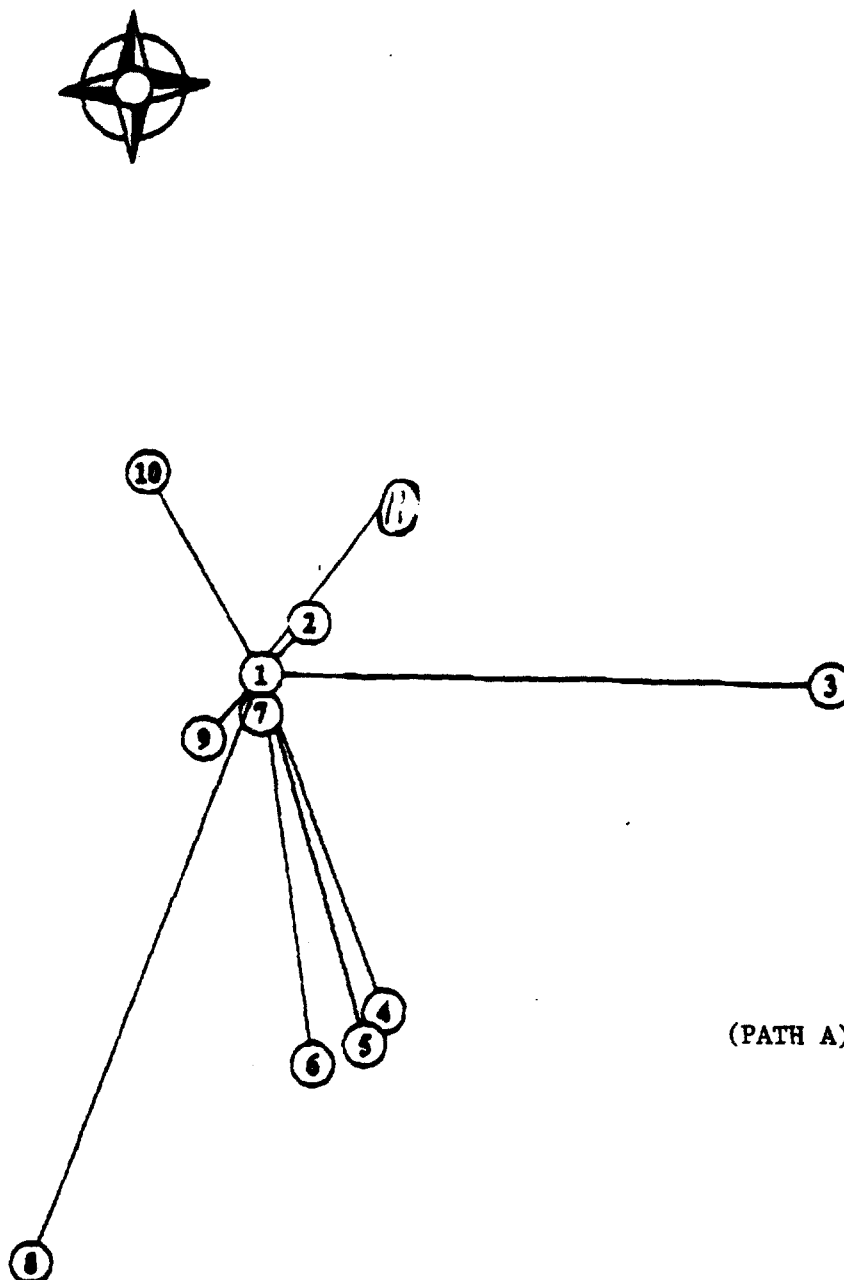
LIBERTY CABLE CO., INC.

05/24/93

MICROWAVE PATH DATA

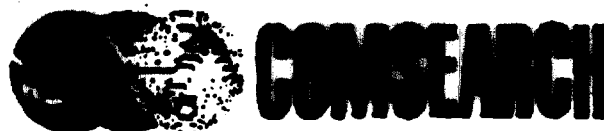
<u>STATION NAME</u>	1 LINCOLN PL NY	33 WEST 67TH NY
<u>PATH STATUS</u>	PROPOSED OR PRIOR COORDINATED	
CALL SIGN	WNTM210	
LATITUDE (D-M-S)	40 46 18.0	40 46 25.0
LONGITUDE (D-M-S)	73 58 55.0	73 58 48.0
GROUND ELEV (FT-AMSL)	80	85
PATH AZIMUTH (DEG)	37.244	217.245
PATH DISTANCE (MILES)	0.169	
(KM)	0.271	
<u>ANTENNA</u>		
<u>PRIMARY</u>	TX CABLEWAVE SYSTEMS	NOT APPLICABLE
	PA4-190	
FCC CODE	CB0082	
GAIN (dBi)	44.7	
C/L (FT-AGL)	470	
<u>PRIMARY</u>	RX NOT APPLICABLE	CABLEWAVE SYSTEMS
		PA6-190
FCC CODE		CB0093
GAIN (dBi)		48.2
C/L (FT-AGL)		175
<u>DIVERSITY</u>		
<u>FCC CODE</u>		
GAIN (dBi)		
C/L (FT-AGL)		
<u>EQUIPMENT</u>	HUGHES AIRCRAFT CO	RECEIVE
	DOO63QAMLMOT18120	ONLY
FCC CODE	PENDING	
EMISSION	5M75C3F/250F3/100A0	
LOADING	VIDEO	
STABILITY (%)	0.000500	
POWER (DBM)	-10.0	
RECEIVED LEVEL (DBM)		-38.7
EIRP (DBM)	19.7	
FIXED LOSSES (DB)	15.0	0.0
FREE SPACE LOSS (DB)	106.6	
<u>TRANSMIT</u>	18145.0V,18151.0V,18157.0V,18163.0V,18169.0V,18175.0V,18181.0V	
<u>FREQUENCIES</u>	18187.0V,18193.0V,18199.0V,18205.0V,18211.0V,18217.0V,18223.0V	
(MHZ)	18229.0V,18235.0V,18241.0V,18247.0V,18253.0V,18259.0V,18265.0V	
	18271.0V,18277.0V,18283.0V,18289.0V,18295.0V,18301.0V,18307.0V	
	18313.0V,18319.0V,18325.0V,18331.0V,18337.0V,18343.0V,18349.0V	
	18355.0V,18361.0V,18367.0V,18373.0V,18379.0V,18385.0V,18391.0V	
	18397.0V,18403.0V,18409.0V,18415.0V,18421.0V,18427.0V,18433.0V	
	18439.0V,18445.0V,18451.0V,18457.0V,18463.0V,18469.0V,18475.0V	
	18481.0V,18487.0V,18493.0V,18499.0V,18505.0V,18511.0V,18517.0V	
	18523.0V,18529.0V,18535.0V,18541.0V,18547.0V,18553.0V,18559.0V	
	18565.0V,18571.0V,18577.0V	

WNTM-210
SITE INFORMATION



- ① 1 Lincoln Plaza, NY
LAT: 40 - 46 - 18.0
LONG: 73 - 58 - 55.0
- ② 10 West 66TH, NY
LAT: 40 - 46 - 22.0
LONG: 73 - 58 - 50.0
- ③ 48 East 72ND, NY
LAT: 40 - 46 - 17.0
LONG: 73 - 57 - 54.5
- ④ Park Meridian, NY
LAT: 40 - 46 - 51.5
LONG: 73 - 58 - 42.0
- ⑤ 125 West 95TH, NY
LAT: 40 - 48 - 40.0
LONG: 73 - 58 - 44.0
- ⑥ Regha Royal, NY
LAT: 40 - 48 - 47.5
LONG: 73 - 58 - 49.5
- ⑦ 30 Lincoln Plaza, NY
LAT: 40 - 46 - 15.0
LONG: 73 - 58 - 55.0
- ⑧ Milford Plaza, NY
LAT: 40 - 48 - 32.0
LONG: 73 - 59 - 19.0
- ⑨ Lincoln Plaza, NY
LAT: 40 - 46 - 13.0
LONG: 73 - 59 - 1.0
- ⑩ 160 West End, NY
LAT: 40 - 46 - 34.0
LONG: 73 - 59 - 7.0
- (PATH A) ⑪ 33 West 67th
Lat: 40-46-25
Long: 73-58-48

Liberty Cable Television
18 GHz Video Microwave System



FCC FORM 402 ENGINEERING DATA

SECTION III-TECHNICAL INFORMATION

TRANSMITTER SITE NAME : 1 LINCOLN PL, NY
TRANSMITTER COORDINATES : 40 46 18.0 N
73 58 55.0 W

20. FREQUENCY (MHZ): SEE EXHIBIT
21. EMISSION: SEE EXHIBIT
22. TYPE OF MESSAGE SERVICE: VIDEO
23. INITIAL BASEBAND CHANNEL LOADING: 1
24. 10 YR PROJ. BASEBAND CHANNEL LOAD: 1

TRANSMITTER INFORMATION

25. OPERATING FREQ. TOL(%): 0.000500
26. ANTENNA GAIN (DBI): 44.7
27. EFFECTIVE RADIATED POWER (DBM): 19.7
28. BEAM WIDTH (DEGREES): 0.9
29. CENTER OF RADIATING ELEMENT (FT): 470.0
30. POLARIZATION: V
31. AZIMUTH TO NEXT STATION OR PR1(DEG): 37.244

RECEIVER INFORMATION

RECEIVER SITE NAME : 33 WEST 67TH, NY

32. CALL SIGN:
33. RECEIVING ANTENNA GAIN (DBI): 48.2
34. MEDIAN RECEIVED SIGNAL LEVEL (DBM): -38.7
35. LATITUDE N. (DD MM SS): 40 46 25.0
36. LONGITUDE W. (DDD MM SS): 73 58 48.0
37. GROUND ELEVATION AMSL (FT): 85.0
38. HT. TO RECEIVING ANTENNA (FT): 175.0

SUPPLEMENTAL INFORMATION

TRANSMITTER INFORMATION

TRANSMITTER ANTENNA MAKE: CABLEWAVE SYSTEMS
TRANSMITTER ANTENNA MODEL: PA4-190
EQUIPMENT MAKE: HUGHES AIRCRAFT CO
EQUIPMENT MODEL: D0063QAMLMOT18120

RECEIVER INFORMATION

RECEIVING ANTENNA MAKE: CABLEWAVE SYSTEMS
RECEIVING ANTENNA MODEL: PA6-190

*** COMSEARCH ***

EXHIBIT #1

<u>FREQUENCY</u>	<u>EMISSION DESIGNATOR</u>
18145.0	5750A5C/250F3
18151.0	5750A5C/250F3
18157.0	5750A5C/250F3
18163.0	100AO
18169.0	5750A5C/250F3
18175.0	5750A5C/250F3
18181.0	5750A5C/250F3
18187.0	5750A5C/250F3
18193.0	5750A5C/250F3
18199.0	5750A5C/250F3
18205.0	5750A5C/250F3
18211.0	5750A5C/250F3
18217.0	5750A5C/250F3
18223.0	5750A5C/250F3
18229.0	5750A5C/250F3
18235.0	5750A5C/250F3
18241.0	5750A5C/250F3
18247.0	5750A5C/250F3
18253.0	5750A5C/250F3
18259.0	5750A5C/250F3
18265.0	5750A5C/250F3
18271.0	5750A5C/250F3
18277.0	5750A5C/250F3
18283.0	5750A5C/250F3
18289.0	5750A5C/250F3
18295.0	5750A5C/250F3
18301.0	5750A5C/250F3
18307.0	5750A5C/250F3
18313.0	5750A5C/250F3
18319.0	5750A5C/250F3
18325.0	5750A5C/250F3
18331.0	5750A5C/250F3
18337.0	5750A5C/250F3
18343.0	5750A5C/250F3
18349.0	5750A5C/250F3
18355.0	5750A5C/250F3
18361.0	5750A5C/250F3
18367.0	5750A5C/250F3
18373.0	5750A5C/250F3
18379.0	5750A5C/250F3
18385.0	5750A5C/250F3
18391.0	5750A5C/250F3
18397.0	5750A5C/250F3
18403.0	5750A5C/250F3
18409.0	5750A5C/250F3
18415.0	5750A5C/250F3
18421.0	5750A5C/250F3
18427.0	5750A5C/250F3
18433.0	5750A5C/250F3
18439.0	5750A5C/250F3
18445.0	5750A5C/250F3

EXHIBIT #1 CONTINUED

<u>FREQUENCY</u>	<u>EMISSION DESIGNATOR</u>
18451.0	5750A5C/250F3
18457.0	5750A5C/250F3
18463.0	5750A5C/250F3
18469.0	5750A5C/250F3
18475.0	5750A5C/250F3
18481.0	5750A5C/250F3
18487.0	5750A5C/250F3
18493.0	5750A5C/250F3
18499.0	5750A5C/250F3
18505.0	5750A5C/250F3
18511.0	5750A5C/250F3
18517.0	5750A5C/250F3
18523.0	5750A5C/250F3
18529.0	5750A5C/250F3
18535.0	5750A5C/250F3
18541.0	5750A5C/250F3
18547.0	5750A5C/250F3
18553.0	5750A5C/250F3
18559.0	5750A5C/250F3
18565.0	5750A5C/250F3
18571.0	5750A5C/250F3
18577.0	5750A5C/250F3

CERTIFICATE OF SERVICE

I, R. Bruce Beckner, hereby certify that a copy of the foregoing Motion for Limited Discovery and the Taking of Additional Hearing Testimony, or, in the Alternative, to Enlarge Issues was served, via facsimile and first class mail, this 3rd day of March, 1997 upon the following:

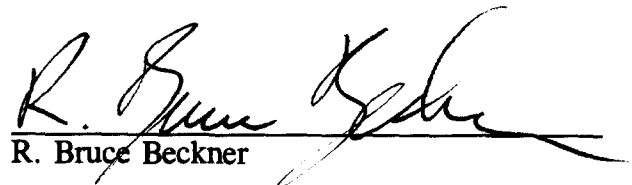
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Federal Communications Commission
Wireless Telecommunications Bureau
Enforcement Division
2025 M Street, N.W., Room 8308
Washington, D.C. 20554
Facsimile: (202) 418-2644

The Honorable Richard L. Sippel
Administrative Law Judge
2000 L Street, N.W., Suite 220
Washington, D.C. 20554
Facsimile: (202) 418-1095


R. Bruce Beckner